

ABSTRACT OF THE DISCLOSURE

A zoom lens system includes a positive first lens group, a negative second lens group, a positive third lens group, and a negative fourth lens group. Zooming is performed by moving each of the positive first through the negative fourth lens groups along the optical axis.

The zoom lens system satisfies the following conditions:

$$0.5 < (D_{12T} - D_{12W})/f_w < 1.0 \quad \dots \quad (1)$$

$$1.0 < \Delta X_{1G}/\Delta X_{4G} < 1.5 \quad \dots \quad (2)$$

wherein

D_{12T} : the axial distance between the positive first lens group and the negative second lens group at the long focal length extremity;

D_{12W} : the axial distance between the positive first lens group and the negative second lens group at the short focal length extremity;

f_w : the focal length of the entire the zoom lens system at the short focal length extremity;

ΔX_{1G} : the traveling distance of the positive first lens group from the short focal length extremity to the long focal length extremity; and

ΔX_{4G} : the traveling distance of the negative fourth lens group from the short focal length extremity to the long focal length extremity.